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Towards Open Science: Central infrastructure units collaborate to support the research process in a non-university research facility

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**Data of hydraulic properties of North East and
North Central German soils**

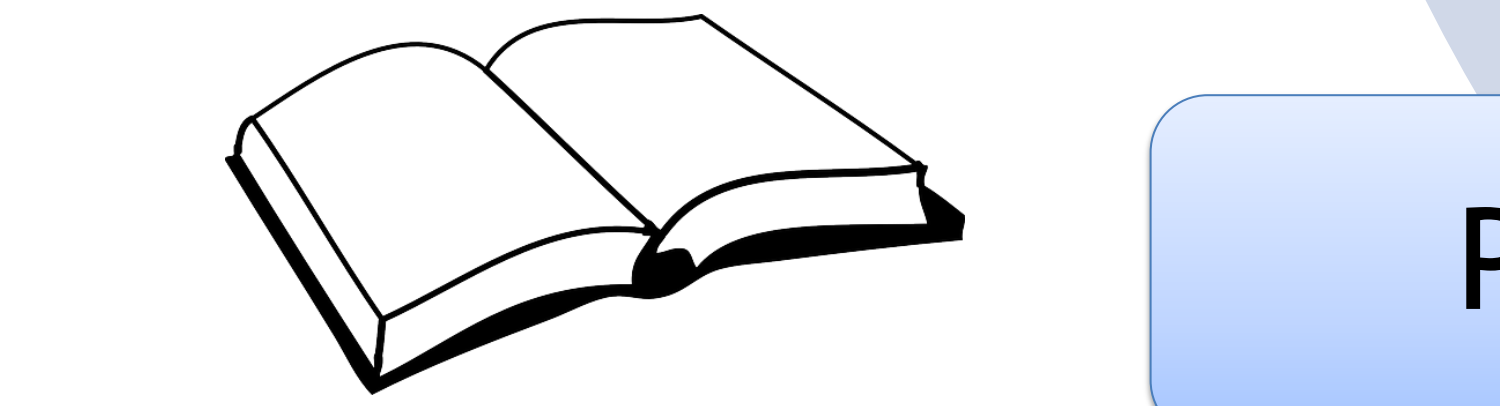
U. Schindler and L. Müller
Leibniz Centre for Agricultural Landscape Research (ZALF), Institute of Landscape Hydrology,
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1 Introduction
... is available at the ZALF homepage (mineral soils: doi:10.4228/ZALF.1977.164;
organic soils: doi:10.4228/ZALF.1978.165).
...

Data publication of U. Schindler and L. Müller
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- Citation analyses
- Reporting
- Websites



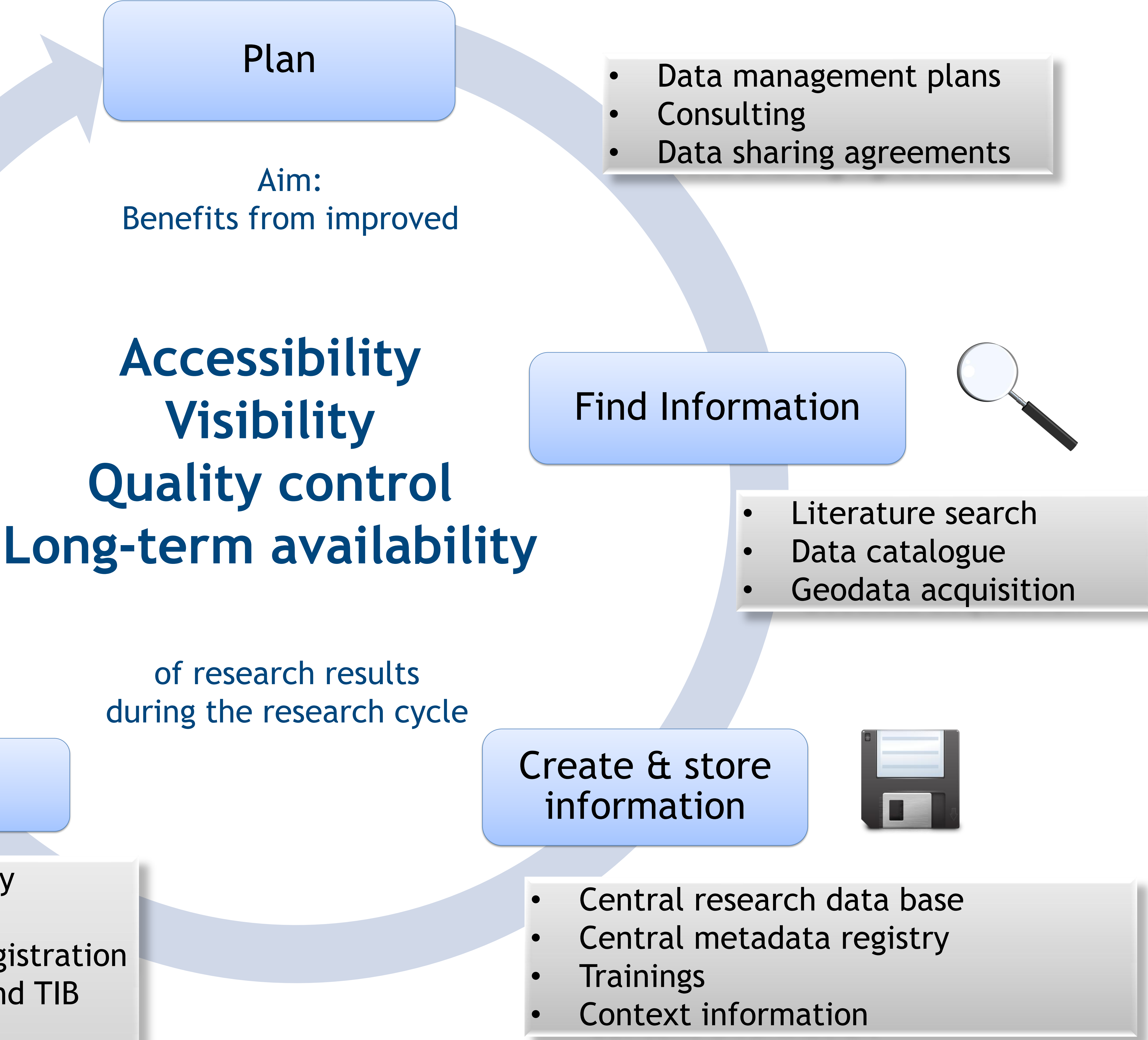
- ZALF Open Access data repository „Open Research Data“
- DOI (digital object identifier) registration in collaboration with DataCite and TIB Hannover
- Publication website
- Publication funds for Open Access publishing
- Prepay membership for Open Access APCs
- Trainings and consulting

Open Research Data - ResearchData - All Datasets -							
Title	DigitalObjectIdentifier	Location	ShowOnMap	DataCiteMetadata	ViewSampleData	DownloadData	Rights
Number of available datasets: 82							
Coherent multivariable 6-year field trial data set for agro-ecosystem model verification and validation from Möncheberg experimental station	10.4228/ZALF.1992.271	Möncheberg	Show on map	go to DataCite	View sample data	Download complete dataset	Creative Commons Attribution 4.0 International
Mitschke, Wilfried; Schindler, Uwe; Hüfner, Johannes; Barkusky, Dietmar; Dittmar, Sigrid; Voigt, Carola; Laacke, Liane (2014): Coherent multivariable 6-year field trial data set for agro-ecosystem model verification and validation from Möncheberg experimental station, Leibniz-Zentrum für Agrarlandschaftsforschung (ZALF) e.V. [doi: 10.4228/ZALF.1992.271]							
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ZALF repository www.open-research-data.de

Questions

- How can central facilities support the research process?
- How can the research process be more sustainable?



Summary and perspectives

- Open Access could facilitate sharing across research institutions and disciplines
- Researchers need to decide whether to go for Open Science
- Institutions need to offer incentives for Open Science
- Open Access policies and data policies for awareness
- Need for legal clarity

Open Access framework of the Leibniz Association

- Berlin Declaration on Open Access 2003
- Guideline on Open Access in the Leibniz Association 2007
- Open Access repository LeibnizOpen
- Template for institutional Open Access Policy



Presenter:
Regina Schmitt



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